



BERGGREN *ex*

cc: arsenault

April 11, 1977

28

cc: Frank J. Arsenault

Subject: RECOMMENDATIONS REGARDING CONSEQUENCE ESTIMATION STUDY

1. In response to your request for comments during the briefing by SAI representatives on April 1, 1977, and the extensive discussion attendant to the subject presentation, two recommendations are offered to (a) reduce the possibility that the information developed may be misused or through distortion, misunderstood; and (b) to enhance the practical usefulness of the developed information within the scope of NRC programs and concerns.
2. Certain portions of the consequence estimation study to date identify and rank reference events in a manner that they are instructive to an adversary, saving him research time, and assuring him "more bang for the buck". Such portions of the study should be afforded at least the limited protection available to "Official Use Only" documents and be so designated and marked.
3. While Phases I and II have developed well the several reference events and their related paths, mitigating or limiting efforts subsequent to the physical event have not been included in the calculations, and all events, with the exception of extinguishing localized fires, are projected to run their full course. It is suggested that in the several instances postulated where some damage control/civil defense actions may mitigate the end result, such actions should be identified, with reference to their (a) impact and their (b) urgency. Further, in that some events may be irreversibly initiated without public/official awareness, a means of early detection of selected sequential effects should be identified to permit some, albeit limited countermeasure, evacuation, sanitization, or isolation activities.

R. F. Blackmon
R. F. Blackmon
Safeguards Program Branch
Office of Inspection and Enforcement

cc: D. R. Chapell
O. S. Chambers